

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1-54 (Canceled)

55. (New) A method of diagnosing or monitoring transplant rejection in a patient, comprising detecting the expression level of a nucleic acid in said patient to diagnose or monitor transplant rejection wherein said nucleic acid comprises a nucleotide sequence wherein said nucleotide sequence is selected from the group consisting of SEQ ID NO: 3702, SEQ ID NO: 2073, SEQ ID NO: 213, SEQ ID NO: 3028, SEQ ID NO: 4758, SEQ ID NO: 6299, SEQ ID NO: 832, SEQ ID NO: 2143, SEQ ID NO: 3651, and SEQ ID NO: 3750.

56. (New) The method of claim 55 wherein said nucleic acid comprises SEQ ID NO: 3702 or the complement thereof.

57. (New) The method of claim 55 wherein said nucleic acid comprises SEQ ID NO: 2073 or the complement thereof.

58. (New) The method of claim 55 wherein said nucleic acid comprises SEQ ID NO: 213 or the complement thereof.

59. (New) The method of claim 55 wherein said nucleic acid comprises SEQ ID NO: 3028 or the complement thereof.

60. (New) The method of claim 55 wherein said nucleic acid comprises SEQ ID NO: 4758 or the complement thereof.

61. (New) The method of claim 55 wherein said nucleic acid comprises SEQ ID NO: 6299 or the complement thereof.

62. (New) The method of claim 55 wherein said nucleic acid comprises SEQ ID NO: 832 or the complement thereof.

sf-2030814

Application No.: 10/006,290

3

Docket No.: 506612000100

63. (New) The method of claim 55 wherein said nucleic acid comprises SEQ ID NO: 2143 or the complement thereof.
64. (New) The method of claim 55 wherein said nucleic acid comprises SEQ ID NO: 3651 or the complement thereof.
65. (New) The method of claim 55 wherein said nucleic acid comprises SEQ ID NO: 3750 or the complement thereof.
66. (New) The method of claim 55 wherein said transplant rejection is selected from the group consisting of heart transplant rejection, kidney transplant rejection and liver transplant rejection.
67. (New) The method of claim 55 wherein said expression level is detected by measuring the RNA level expressed by said nucleic acid.
68. (New) The method of claim 67, further including isolating RNA from said patient prior to detecting said RNA level expressed by said nucleic acid.
69. (New) The method of claim 67, wherein said RNA level is detected by PCR.
70. (New) The method of claim 67, wherein said RNA level is detected by hybridization.
71. (New) The method of claim 67, wherein said RNA level is detected by hybridization to an oligonucleotide.
72. (New) The method of claim 71, wherein said oligonucleotide comprises DNA, RNA, cDNA, PNA, genomic DNA, or synthetic oligonucleotides.

sf-2030814